



## ITALTOWER ASTRID HYBRID LIGHT TOWER 6x120 W MULTILED WITH ROAD TRAILER

Reference: ASTRID\_HYB02

### ITALTOWER ASTRID HYBRID LIGHT TOWER 6x120 W MULTILED WITH ROAD TRAILER

The ITALTOWER ASTRID HYBRID Light Tower is equipped with a Yanmar 2TNV70 or Kohler KDW 702 Diesel-powered engine and a pack of 4 Crystal batteries, capable of delivering 3.5KW power to serve 6 120W LED Lamps.

The ITALTOWER ASTRID HYBRID MULTILED tower is equipped with a hydraulic lifting system, capable of raising the tower to a height of 8.5m. Thanks to the 6 LED Lamps the ITALTOWER ASTRID IBRIDA is able to illuminate an area of 4000 square meters with a maximum light intensity of 120000 lm.

The tower is equipped with a Yanmar 2TNV70 or Kohler KDW 702 Stage V engine and a Crystal 4-battery pack, fully compliant with the latest European emission regulations. In addition, the light tower presents the possibility of being powered via external mains thanks to the 16 A 230 V socket and plug on the machine. Through an internal selector, the operator will decide whether to power the LEDs from the external mains present at the work site or through the Stage V generator present in the tower.

The ITALTOWER ASTRID HYBRID tower has a fast towing trolley approved for circulation on public roads throughout Europe. The road trolley is equipped with MultiLed lights for increased visibility while on the road. A key safety system allows the hydraulic pole an immediate descent once the main parking brake is removed.

#### TECHNICAL FEATURES ITALTOWER ASTRID HYBRID LIGHT TOWER

Number of lights: 6  
Lamp power: 120 W MULTILED  
Lumen: 120000 lm  
Illuminated area: 4000 square meters  
Phase type: Single phase  
Maximum power: 3.5 KW  
Sound pressure: 61dB(A) @ 7m  
Voltage: 230V  
Frequency: 50Hz  
Control unit: DeepSea 7320  
Auxiliary power supply: 2 kVA  
Motor: Yanmar 2TNV70 OR KOHLER KDW 702  
RPM: 1500rpm  
Coolant: Liquid  
Emission standard: Stage V  
Alternator: Linz Alumen  
Battery type: Crystal Battery  
Number of batteries: 4  
Battery pack: 24 Vdc 200 ah  
Expected battery cycle: 3100 (at 25°C)

Autonomy: 360 h (with 6x120W headlights)  
Tank capacity: 120 l  
Fuel: Diesel  
Consumption: 1 l/h  
Autonomy: 360 h  
Maximum height: 8.5m  
Lifting system: Hydraulic  
Rotation: 350°  
Wind resistance: 110km/h  
Trolley: Road trolley (EU standard)  
Outriggers 4 + 1 (wheels)  
Length (mm): 2200  
Width (mm): 1470  
Height (mm): 2450  
Dry weight (Kg): 855

Looking for a light tower with different features? [Here](#) you can find the full range of towers ITALTOWER or other specialized brands.

Images and technical data are not binding and may be subject to revisions by the manufacturer

## Technical Sheet

Phase	Single phase
Maximum power single phase (KW)	3.5
Fuel	Diesel
Frequency (Hz)	50
Voltage (V)	230
Engine	Yanmar 2TNV70
Emissions Regulations	Stage 5
Engine rpm (rpm)	1500
Engine capacity (cm <sup>3</sup> )	686
Number cylinders	2
Cooling	Coolant Liquid
Alternator	Linz Alumen SB
Battery type	Crystal
Type of lamps	MULTILED
Lamps	6X120 W
Telescopic pole	Vertical
Illuminated area (m <sup>2</sup> )	4000
Total lumens (Lm)	120000
Lifting System	Hydraulic lifting system

Maximum height (m)	8.5
Mast rotation	350°
Lenght closed (mm)	2350
Width closed (mm)	1400
Height closed (mm)	2400
With generator / Without generator	With generator
Transportability	Fast Trailer
Stability to wind (Km/h)	110
Fuel tank capacity (L)	120
Consumption (L/h)	0.55
Acoustic pressure	61 dB(A) at 7.5 m
Battery voltage (V)	24
Weight (Kg)	855